

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	25	pectin same (metal with ion with (chelate or chelator or chelating))	US-PGPUB; USPAT	OR	ON	2007/11/13 11:43
L2	67	(polysaccharide) with (metal with ion with (chelate or chelating))	US-PGPUB; USPAT	OR	ON	2007/11/13 11:42
L3	10	(polysaccharide) with (metal with ion with (chelator))	US-PGPUB; USPAT	OR	ON	2007/11/13 11:42
L4	8	L3 not L2	US-PGPUB; USPAT	OR	ON	2007/11/13 11:42
L5	12	L1 not @ay>"2000"	US-PGPUB; USPAT	OR	ON	2007/11/13 11:43
S1	13469	(chelating or chelator) with metal	USPAT	OR	OFF	2006/06/07 17:29
S2	293	((chelating or chelator) with metal) with buffer	USPAT	OR	OFF	2006/06/07 16:42
S3	194	S2 and (assay or bioassay or binding or bind or antibody or nucleic or \$nucleotide\$)	USPAT	OR	ON	2006/06/07 21:56
S4	59	S3 and polysaccharide	USPAT	OR	ON	2006/06/07 16:49
S5	161	S3 not @ay>"2000"	USPAT	OR	ON	2006/06/07 16:49
S6	40	S4 not @ay>"2000"	USPAT	OR	ON	2006/06/07 16:49
S7	67	buffer with (remov\$) with (metal adj ion)	USPAT	OR	ON	2006/06/07 17:30
S8	20	S7 and polysaccharide	USPAT	OR	ON	2006/06/07 17:31
S9	1	S8 and pectin	USPAT	OR	ON	2006/06/07 17:30
S10	77	heterogenous with homogenous with assay	USPAT	OR	ON	2006/06/07 21:57
S11	72	S10 and buffer	USPAT	OR	ON	2006/06/07 21:57
S12	65	S11 and (antibody)	USPAT	OR	ON	2006/06/07 22:03
S13	24	S12 and precipitate	USPAT	OR	ON	2006/06/07 22:03
S14	1	S12 and (precipitate with antibody)	USPAT	OR	ON	2006/06/07 22:05
S15	24	S13 and (immobilized or bound)	USPAT	OR	ON	2006/06/07 22:05
S16	12	S13 and (immobilized)	USPAT	OR	ON	2006/06/07 22:05
S17	77	heterogenous with homogenous with assay	USPAT	OR	ON	2006/06/08 15:22
S18	72	S17 and buffer	USPAT	OR	ON	2006/06/08 15:14
S19	65	S18 and (antibody)	USPAT	OR	ON	2006/06/08 15:14
S20	24	S19 and precipitate	USPAT	OR	ON	2006/06/08 15:14
S21	12	S20 and (immobilized)	USPAT	OR	ON	2006/06/08 15:15
S22	30	S19 and (immobilized)	USPAT	OR	ON	2006/06/08 15:15
S23	18	S22 not S21	USPAT	OR	ON	2006/06/08 15:15

## EAST Search History

S24	0	S17 and (heterogenous with advantages) and (immobilized)	USPAT	OR	ON	2006/06/08 15:19
S25	1	S17 and (heterogenous with advantages)	USPAT	OR	ON	2006/06/08 15:18
S26	194	(heterogenous with homogenous) and assay	USPAT	OR	ON	2006/06/08 15:19
S27	3	S26 and (heterogenous with advantages) and (immobilized)	USPAT	OR	ON	2006/06/08 15:20
S28	4	S26 and (heterogenous with advantages)	USPAT	OR	ON	2006/06/08 15:21
S29	1	S28 not S27	USPAT	OR	ON	2006/06/08 15:20
S30	0	S26 and (heterogenous with desirable)	USPAT	OR	ON	2006/06/08 15:21
S31	3	S26 and (heterogenous with better)	USPAT	OR	ON	2006/06/08 15:22
S32	1	S26 and (heterogenous with less with interferences)	USPAT	OR	ON	2006/06/08 15:22
S33	7	heterogenous with homogenous with assay with (well adj known)	USPAT	OR	ON	2006/06/08 17:41
S39	1	("6121055").PN.	USPAT; USOCR	OR	OFF	2006/06/08 16:27
S40	265	(immobilized with array with (solid adj (support or phase))) and advantages	USPAT	OR	ON	2006/06/08 16:29
S41	28	S40 and homogenous	USPAT	OR	ON	2006/06/08 16:29
S42	0	heterogeneous with homogenous with assay with (well adj known)	USPAT	OR	ON	2006/06/08 17:43
S43	47	heterogeneous with homogenous with assay	USPAT	OR	ON	2006/06/08 17:43
S44	9	S43 and array and (solid adj (support or phase))	USPAT	OR	ON	2006/06/08 17:46
S45	17	(array with (solid adj (support or phase)) with advantages) and antibody	USPAT	OR	ON	2006/06/08 17:50
S46	578	(array with (solid adj (support or phase))) and radioimmunoassay and antibody	USPAT	OR	ON	2006/06/08 17:57
S47	11	(array with (solid adj (support or phase)) with antibody) and radioimmunoassay and antibody	USPAT	OR	ON	2006/06/08 17:51
S48	30	((array with (solid adj (support or phase))) same antibody) and radioimmunoassay	USPAT	OR	ON	2006/06/08 18:59
S50	30213	buffer same (purifying or purify or purification or isolation or isolate or isolating or separate or separation or separating) and (protein or antibody)	USPAT	OR	ON	2006/06/08 19:00

## EAST Search History

S51	10183	(buffer with (purifyng or purify or purification or isolation or isolate or isolating or separate or separation or separating)) and (protein or antibody)	USPAT	OR	ON	2006/06/08 19:01
S52	2156	(buffer with (purifyng or purify or purification or isolation or isolate or isolating or separate or separation or separating)) with (protein or antibody)	USPAT	OR	ON	2006/06/08 19:13
S53	946	S52 and (label or labelling or label)	USPAT	OR	ON	2006/06/08 19:01
S54	80	S52 and ((label or labelling or label) with buffer)	USPAT	OR	ON	2006/06/08 19:02
S55	68	S54 not @ay>"2000"	USPAT	OR	ON	2006/06/08 19:02
S56	1	S55 and ((extract or extracting or extraction or extracts) with sample with (buffer with (purifyng or purify or purification or isolation or isolate or isolating or separate or separation or separating)) with (protein or antibody))	USPAT	OR	ON	2006/06/08 19:16
S57	6	S55 and ((extract or extracting or extraction or extracts) with sample with buffer) and (protein or antibody)	USPAT	OR	ON	2006/06/08 20:56
S58	1	("4111656").PN.	USPAT; USOCR	OR	OFF	2006/06/08 21:59
S59	48	(immobilized with (solid adj support)) and ((label or labelling or labeled) with prior with (assay or contact))	USPAT	OR	OFF	2006/06/08 22:19
S60	1	("4837167").PN.	USPAT; USOCR	OR	OFF	2006/06/08 22:19
S61	0	("metalwith(chelatororchelatingorchelateorchelates)withpolygalactouronate").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/29 04:11
S62	0	(metal with (chelator or chelating or chelates or chelate)) and polygalactouronate	USPAT	OR	OFF	2007/05/29 04:11
S63	2	(metal with (chelator or chelating or chelates or chelate)) and polygalactouronate	US-PGPUB; USPAT	OR	ON	2007/05/29 04:12
S64	2252	(metal with (chelator or chelating or chelates or chelate)) and pectin	US-PGPUB; USPAT	OR	ON	2007/05/29 04:12
S65	41	(metal with (chelator or chelating or chelates or chelate)) same pectin	US-PGPUB; USPAT	OR	ON	2007/05/29 04:13
S66	41	(metal with (chelator or chelating or chelates or chelate)) same pectin	US-PGPUB; USPAT	OR	ON	2007/05/29 04:53
S67	21	S66 not @ay>"2000"	US-PGPUB; USPAT	OR	ON	2007/05/29 04:54

## EAST Search History

S68	1	S67 and (assay or detect or detecting or detection)	US-PGPUB; USPAT	OR	ON	2007/05/29 04:54
S69	1	(polygalactouronate) same (metal with ion with (chelate or chelating))	US-PGPUB; USPAT	OR	ON	2007/11/13 08:57
S70	1	(polygalactouronate) and (metal with ion with (chelate or chelating))	US-PGPUB; USPAT	OR	ON	2007/11/13 08:58
S71	5715	(polysaccharide) and (metal with ion with (chelate or chelating))	US-PGPUB; USPAT	OR	ON	2007/11/13 08:58
S72	67	(polysaccharide) with (metal with ion with (chelate or chelating))	US-PGPUB; USPAT	OR	ON	2007/11/13 08:58